

NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC.

**ANNUAL REPORT
ON
LONG RANGE PLAN
FOR
BULK POWER SUPPLY FACILITIES**

April 2008

NEW HAMPSHIRE ELECTRIC COOPERATIVE, INC.

April 2008

In compliance with RSA 162-H, the New Hampshire Electric Cooperative submits its annual report on long-range plans for bulk power supply facilities as foreseen in 2008

This filing consists of the following:

Form A - Long Range Plans for Bulk Power Supply for the period January 2008 through December 2017 Load figures are shown in megawatts. NHEC is partially exempt pursuant to RSA 162-H: 17(III).

Form B - Long Range Plans for Bulk Power Supply, Generation, 30 MW or more.

NHEC is exempt pursuant to RSA 162-H: 17(III).

Form C - Long Range Plans for Bulk Power Supply, Transmission Lines, 100 kV or more.

A. Transmission lines associated with a proposed generating facility.

NONE

B. Transmission lines covered by Section 162-H:2-IIc for which an Application for Certificate of Site and Facility has been or is expected to be filed in 2008

NONE

C. Transmission lines covered by Section 162-H:2-IIc for which an Application for Certificate of Site and Facility is not expected to be filed in 2008

NONE

Form D - Application for Certificate of Site and Facility for generating unit, 30 MW or more.

NHEC is exempt pursuant to RSA 162-H: 17(III).

Form E - Application for Certificate of Site and Facility for Transmission Lines, 100 kV or more.

NONE

New Hampshire Electric Cooperative, Inc.
LONG RANGE PLANS FOR BULK POWER SUPPLY (2)
 For Period January 2008 through December 2017

| Year | System Capability | Generation Additions | System Purchases | Sales to Other Systems | Capacity Requirements | Total Capability | Reserves | (1) Load Forecasts |
|------|-------------------|----------------------|------------------|------------------------|-----------------------|------------------|----------|--------------------|
| 2008 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 170 |
| 2009 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 175 |
| 2010 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 177 |
| 2011 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 180 |
| 2012 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 183 |
| 2013 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 187 |
| 2014 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 190 |
| 2015 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 194 |
| 2016 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 198 |
| 2017 | N/A | N/A | N/A | 0 | N/A | N/A | N/A | 202 |

- (1) Coincident Peak Loads based on 1999 Power Requirements Study in MW's adjust for 2007 peak demand.
- (2) Load delivered to NHEC members does not consider changes that may occur due to distributed generation.

Date Submitted: April 24, 2008

Signed By: *Jay Hutchison*
 Engineering Manager

New Hampshire Electric Cooperative, Inc.
LONG RANGE PLANS FOR BULK POWER SUPPLY
 Transmission Lines 100 kV or more

A. Transmission lines associated with a proposed generating facility.

| From | To | | | | | | |
|--------------|--------------|---------|----------------------|-----------------|----------------------------|-------|-------|
| City or Town | City or Town | Voltage | Length of Line Miles | New Route Miles | Along Existing Route Miles | Start | Comp. |
| NONE | | | | | | | |
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 Engineering Manager

New Hampshire Electric Cooperative, Inc.
LONG RANGE PLANS FOR BULK POWER SUPPLY
 Transmission Lines 100 kV or more

B. Lines for which an Application for Certificate of Site and Facility has been or is expected to be filed in 2008.

| | From | | To | | | | | | | |
|----------|------|--------------|----|--------------|----------------|----------------------|-----------------|----------------------------|-------|-------|
| Att. No. | | City or Town | | City or Town | Design Voltage | Length of Line Miles | New Route Miles | Along Existing Route Miles | Start | Comp. |
| NONE | | | | | | | | | | |
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*Location and timing of particular lines are subject to change, and certain lines listed may not require certificates.

Date Submitted: April 24, 2008

Signed By: *Jay Hutchison*

Engineering Manager

New Hampshire Electric Cooperative, Inc.
LONG RANGE PLANS FOR BULK POWER SUPPLY
 Transmission Lines 100 kV or more

C. Lines for which an Application for Certificate of Site and Facility has not been or is not expected to be filed in 2008.

| Att. No. | From | City or Town | To | City or Town | Design Voltage | Length of Line Miles | New Route Miles | Along Existing Route Miles | Start | Comp. |
|----------|------|--------------|----|--------------|----------------|----------------------|-----------------|----------------------------|-------|-------|
| NONE | | | | | | | | | | |
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